

### PROCEDURE TO RECEIVE WEATHER BAND (WX)

1. Switch to the Weather (WX) mode to listen to weather broadcast.
2. Turn the Weather (WX) knob to select one of the seven NOAA weather channels.
3. National Weather Service Emergency Alert will broadcast a 10 second alert tone if the weather is threatening. You can hear this tone even if you are operating in the CB mode or the unit is turn off. When you hear the tone, switch to the Weather (WX) mode to hear the Weather Warning Broadcast.

### RECEIVING SSB SIGNALS

Your radio is capable of transmitting and receiving on AM, USB or LSB. When receiving a signal in the AM mode, you can recognize an SSB signal by it's characteristic " Donald Duck " sound. In order to transmit on SSB, you must change the mode of your radio to either USB or LSB depending on which mode the other station is broadcasting in. You will not be able to effectively communicate on USB if the other station is using LSB.

Generally, it is preferable to use either the USB or LSB, if possible, when using your radio. This is because there usually is less noise with such a signal, then when the signal is broadcast on AM. However, if the station you wish to broadcast to is only capable of using AM, you should select AM on the mode selector switch. An AM signal received on SSB will also produce a steady carrier tone unless an adjustment is made with the CLARIFIER.

Once the proper SSB mode has been selected, you may need to adjust the CLARIFIER control to tune your radio to the exact frequency of the broadcasting station. You will know if the signal being received by your radio in the SSB mode needs to be tuned, as the voices will be either too high or low in pitch. Tuning the CLARIFIER will restore the normal voice pitch.

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### MICROPHONE INSTALLATION AND SUBSTITUTES

This radio is designed for use with, and supplied with, a low impedance dynamic microphone. If you replace the microphone supplied with this radio, you should use either a low-impedance microphone, or a transistorized one.

Replacement microphones must have a four-lead cable to properly work with this radio. The microphone should be wired in accordance with the Microphone wiring table and schematic below.

#### 4 WIRE MIC CABLE

Pin Number	Mic. Cable Lead
1	Audio Shield
2	Audio Lead
3	Transmit Control
4	Receive Control

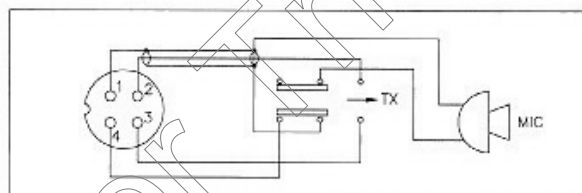


Fig. 1 Schematic of microphone

If the new microphone you are using has pre-cut leads, you must re-connect the leads in the following manner :

1. Cut leads so that they extend 7/16" beyond the insulating jacket of the cable. All leads should be approximately the same length.
2. Strip approximately 1/8" of the insulation. Tin all leads and connections before soldering.

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